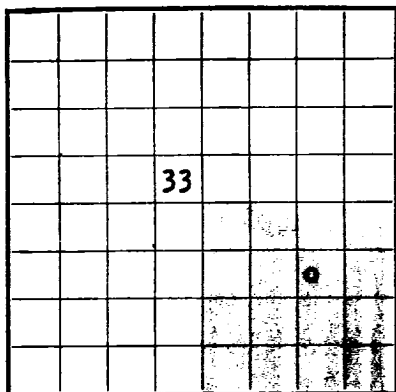




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF 079552-A**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Shar-Alan Oil Company** Address **1402 Denver U. S. National Center**
Lessor or Tract **Harrington-Federal** Field **So Blanco Pictured Cliffs** State **New Mexico**
Well No. **5** Sec. **33** T. **24N** R. **1W** Meridian **NMPM** County **Rio Arriba**
Location **1610** ft. **S.** of **16x** Line and **1650** ft. **E.** of **E** Line of **Section 33** Elevation **7338**
(Denote gas by G)The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.

Signed

Richard S. Hunt

Date

Title **Mgr. of Lands & Explorations**

The summary on this page is for the condition of the well at above date.

Commenced drilling **9-29-61**, 19____ Finished drilling **10-6-61**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3006'** to **3034' (G)** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **2685'** to **2924'** No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8"	24	8	API	100	API	_____	_____	_____	_____
4 1/2"	12	8	API	100	API	_____	_____	_____	_____
1"	10	8	API	100	API	_____	_____	_____	_____

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	120'	60	Halliburton		
4 1/2"	3056'	75	"		
1"	3028', tubing				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **-0-** feet to **3061'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____If gas well, cu. ft. per 24 hours **11,536 MCF/24** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **777** 3 hr. Back Pressure Test

EMPLOYEES

Rayco Drilling Company _____, Driller _____, Driller
Farmington, New Mexico _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2685'	2924'		Ojo Alamo
2924'	2970'		Kirtland
2970'	3010'		Fruitland
3010'	3038'		Pictured Cliffs
3038	3061		Lewis
			Frac treated down casing with 30,000# sand and 30,000 gallons water.
			Test charts, attached.
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

LEADS OR PERMIT TO PROSPECT
SERIAL NUMBER
U.S. LAND OFFICE
Santa Fe
SF 07552-A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A 10x10 grid with a small circle at (3, 2) and the number 25 at (6, 6).

LOCATE WELL CORRECTLY

Date _____
 Title: _____ of Lands & Explorations
 Signed _____
 Richard S. Hunt
 The information given herewith is a complete and correct record of the well and all work done thereon
 (Correct flow ratings to an inch)
 Location _____ ft. of _____ and _____ ft. of _____
 Well No. _____ Sec. _____ T. _____ R. _____ W. _____ Meridian _____
 County _____ Rio Arriba
 Lessor or Trust _____
 Company _____
 Address _____
 1401 Denver U. S. National Center
 New Mexico

Commenced drilling 2-22-61 19..... Finished drilling 10-24-61 19.....

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

(Parents pay \$5)

IMPORTANT WATER SANDS

No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to

CASING RECORD

Case No.	Locality	Kind of rock	Amount	Mark	Thickness	Depth	Remarks
11	It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, specify, and if any, state the material used, or left in the well, give the size and location. If the well has been dynamited, give date, position, and number of shots. Things or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.	Crust and pulled from	From - To -	Perforated	Purpose		

HISTORY OF OIL OR GAS WELL

Time elapsed	Water used	Number sacks of cement	Method used	Mud gravity	Amount of mud used
15'	3052'	taping			
17 1/2'	3058'	75	"		
28'	1501'	60	halibutton		

PLUGS AND ADAPTERS

Adapters—Material	Size	Length	Depth set
Heaving plug—Material			

SHOOTING RECORD

the Bureau of	the Bureau of	the Bureau of	the Bureau of	the Bureau of	the Bureau of

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATE

Rock pressure, lbs. per sq. in. 1150	19
It gas well, cu. ft. per 24 hours 11,500	19
emulsion; % water; and % sediment	19
The production for the first 24 hours was	19
barrels of fluid of which % was oil	19
Put to producing	19

EMPLOYEES

Driller	Payco Drilling Company
Driller	Hammond, New Mexico

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued